

## Plant scientists Classroom activity pack

This pack contains a series of activities for you to complete with your class both before and after your visit to Kew.

You may choose to do all the activities or just select one. Post-visit activities are intended to build on the learning from the educational session at Kew. Many of the resources can be used on a whiteboard or can be printed.



Thank you for booking the Plant scientists education session at Kew.  
You can use the pre-visit activity to support your pupils' learning.

Ahead of your visit, your pupils could answer the question below.  
They can tell us about their answers when they come to Kew.



**Question:**

What do you think a plant scientist does?

**You can encourage your pupils to use this key vocabulary:**

Experiment, investigate, observe, test, look after, travel, collect, research.

Pupils could also use the seed cards to sort them into groups according to their dispersal method.



## Lower KS2 Plant scientists

You can print this resource, cut it up and ask your pupils to order the sequence.



**Dandelion**  
Wind dispersed.



**Horse Chestnut**  
Collected by animals such as squirrels and hidden (the spikey case is for protection until the seed is ready to germinate).



**Strawberry**  
Eaten by animals, after which the seeds are dispersed through the animal's poo.



**Sticky Weed**  
The spikes stick to animals' fur and are brushed off elsewhere.



**Sycamore**  
Wind dispersed.



**Tomato**  
Eaten by animals, after which the seeds are dispersed through the animal's poo.



**Oak**  
The acorns are collected by animals such as squirrels and hidden.



**Pea**  
The case dries out and rapidly splits open, causing the seeds to pop out.



**Burdock**  
The seeds' spikes stick to animals' fur and are brushed off elsewhere.



**Coconut**  
The seeds drop from the palm tree and float away in water.





What do you think a plant scientist does?

Try to use some of this vocabulary in your answer.

travel

observe

experiment

test

investigate

collect

look after

research



## Lower KS2 Plant scientists



How might these different seeds be dispersed?



Sort them into groups and explain why you think a seed belongs in a particular group.



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